

111203 11696 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on November 12, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **ET582748167US**, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No.: LAM1P182/P1183

First Named Inventor: WAGGANER

Sue Funchess
Sue Funchess

22582 U.S. PTO
10/7/2003
111203

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
ERIC WAGGANER, HELEN H. ZHU, DANIEL LE, and PETER LOEWENHARDT

For: **LINE EDGE ROUGHNESS REDUCTION FOR TRENCH ETCH**

Assigned to: Lam Research Corporation

Application Elements:

- ☒ **21** Pages of Specification, Claims and Abstract
☒ **7** Sheets of Formal Drawings
☐ Pages Combined Declaration and Power of Attorney

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
☐ 37 CFR 3.73(b) Statement by Assignee
☐ Information Disclosure Statement with Form PTO-1449
☐ Copies of IDS Citations
☐ Preliminary Amendment
☒ Return Receipt Postcard
☒ Other: Associate Power of Attorney

Claim For Foreign Priority

- ☐ Priority of _____ Application No. _____ filed on _____
is claimed under 35 U.S.C. § 119.
- ☐ The certified copy is enclosed.
- ☐ The certified copy has been filed in prior application U.S. Application No. _____
- ☐ The certified copy will follow.

Fee Calculation (37 CFR § 1.16)

- ☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	19	MINUS	20	= 0	x 18 =	\$-0-
INDEP.	3	MINUS	3	= 0	x 84 =	\$-0-
[] First presentation of multiple dependent claim					\$280 =	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$750 =	\$750.00
TOTAL						\$750.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

- ☐ Check No. _____ in the amount of \$_____ is enclosed in payment of basic filing fee.

- ☐ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-0388 (Order No. _____).

**DO NOT CHARGE ANY FILING FEES TO OUR DEPOSIT ACCOUNT
AT THIS TIME.**

General Authorization for Petition for Extension of Time (37 CFR §1.136)


- ☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0388 (Order No. LAM1P182).

- ☒ Please send correspondence to the following address:

Customer Number 022434

22434

Date: November 12, 2003



Michael Lee
Registration No. 31,846

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: WAGGANER et al.

Attorney Docket No.: LAM1P182/P1183

Application No.: Filed Herewith

Examiner: Unassigned

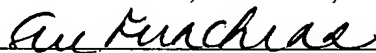
Filed: Herewith

Group: Unassigned

Title: LINE EDGE ROUGHNESS REDUCTION
FOR TRENCH ETCH

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Sue Funchess


NONPUBLICATION REQUEST AND CERTIFICATION
(35 U.S.C. 122(b)(2)(B)(i))

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: November 12, 2003


Michael Lee
Registration No. 31,846